

INTERNATIONAL SEARCH REPORT

I one Application No
PCT/US 01/10538

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F3/00 G06F19/00 G06F1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 704 366 A (SANDERS MATTHEW H ET AL) 6 January 1998 (1998-01-06) abstract column 3, line 62 -column 11, line 28; figures 1-10 -----	1-85
X	US 5 715 451 A (MARLIN TOM) 3 February 1998 (1998-02-03) the whole document -----	1-85
X	US 5 553 609 A (CHEN YAOBIN ET AL) 10 September 1996 (1996-09-10) abstract column 1, line 55 -column 5, line 18 -----	1-85

<input type="checkbox"/>	Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/>	Patent family members are listed in annex.
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X document of particular relevance; the claimed invention cannot be considered novel when the document is taken alone

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Date of the actual completion of the International search 8 August 2002	Date of mailing of the International search report 14/08/2002
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patenttaan 2 NL - 2280 HT Rijswijk Tel: (+31-70) 340-3010, Tx: 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Davenport, K

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Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5704366	A 06-01-1998	AU	703391 B2	25-03-1999
		AU	2646395 A	18-12-1995
		CA	2190283 A1	30-11-1995
		DE	69519166 D1	23-11-2000
		DE	69519166 T2	23-05-2001
		EP	0765507 A1	02-04-1997
		ES	2151067 T3	16-12-2000
		JP	10500598 T	20-01-1998
		WO	9532480 A1	30-11-1995
		US	5626144 A	06-05-1997
		US	5549117 A	27-08-1996
		US	5732709 A	31-03-1998
US 5715451	A 03-02-1998	NONE		
US 5553609	A 10-09-1996	AU	4980596 A	27-08-1996
		WO	9624284 A1	15-08-1996